

FORM PTO-1390 (REV. 11-2000)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTORNEY'S DOCKET NUMBER B-4309PCT 619079-8	
TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371				U.S. APPLICATION NO. (If known, see 37 CFR 1.5 not yet assigned) 09/936007	
INTERNATIONAL APPLICATION NO. PCT/KR01/00037		INTERNATIONAL FILING DATE 10 January 2001		PRIORITY DATE CLAIMED 10 January 2000	
TITLE OF INVENTION HIGH CRYSTALLINE POLYPROPYLENE MICROPOROUS MEMBRANE, MULTICOMPONENT MICROPOROUS MEMBRANE AND METHODS FOR PREPARING THE SAME					
APPLICANT(S) FOR DO/EO/US (1) Sang-Young LEE (2) Byeong-In AHN (3) Sung-Gap IM (4) Soon-Yong PARK (5) Heon-Sik SONG (6) You-Jin KYUNG					
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:					
<ol style="list-style-type: none">1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a filing under 35 U.S.C. 371.2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371.3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.4. <input checked="" type="checkbox"/> The US has been elected by the expiration of 19 months from the priority date (Article 31).5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2))<ol style="list-style-type: none">a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).b. <input checked="" type="checkbox"/> has been communicated by the International Bureau.c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).<ol style="list-style-type: none">a. <input type="checkbox"/> is attached hereto.b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))<ol style="list-style-type: none">a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).b. <input type="checkbox"/> have been communicated by the International Bureau.c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.d. <input checked="" type="checkbox"/> have not been made and will not be made.8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c)(3)).9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).					
Items 11 to 20 below concern document(s) or information included:					
<ol style="list-style-type: none">11. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98. check for \$4012. <input checked="" type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.13. <input checked="" type="checkbox"/> A FIRST preliminary amendment.14. <input type="checkbox"/> A SECOND or SUBSEQUENT preliminary amendment.15. <input type="checkbox"/> A substitute specification.16. <input type="checkbox"/> A change of power of attorney and/or address letter.17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821 - 1.825.18. <input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4).19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).20. <input checked="" type="checkbox"/> Other items or information: copy of Form PCT/IB/308 copy of PCT International Application as published copy of International Search Report Claim to Priority					

U.S. APPLICATION NO. 66 known, see 37 CFR 1.53 09/936007		INTERNATIONAL APPLICATION NO. PCT/KR01/00037		ATTORNEY'S DOCKET NUMBER B-4309PCT 619079-8	
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21. <input checked="" type="checkbox"/> The following fees are submitted: BASIC NATIONAL FEE (37 CFR 1.492 (a) (1)-(5)): Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO. \$1000.00 International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO \$860.00 International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO \$710.00 International preliminary examination fee (37 CFR 1.482) paid to USPTO but all claims did not satisfy provisions of PCT Article 33(1)-(4) \$690.00 International preliminary examination fee (37 CFR 1.482) paid to USPTO and all claims satisfied provisions of PCT Article 33(1)-(4) \$100.00 ENTER APPROPRIATE BASIC FEE AMOUNT =				CALCULATIONS PTO USE ONLY	
				\$ 1000.00	
Surcharge of \$130.00 for furnishing the oath or declaration later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(e)).				\$	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	\$	
Total claims	21 - 20 =	1	x \$18.00	\$ 18.00	
Independent claims	6 - 3 =	3	x \$80.00	\$ 240	
MULTIPLE DEPENDENT CLAIM(S) (if applicable) 0*				+ \$270.00	
TOTAL OF ABOVE CALCULATIONS =				\$ 1258.00	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.				\$	
SUBTOTAL =				\$ 1258.00	
Processing fee of \$130.00 for furnishing the English translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(f)).				\$	
TOTAL NATIONAL FEE =				\$ 1258.00	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +				\$	
TOTAL FEES ENCLOSED =				\$ 1258.00	
*Preliminary Amendment/deleting multiple dependencies enclosed herewith.				Amount to be refunded: \$	
				charged: \$	

a. ☒ A check in the amount of \$ 1,258.00 to cover the above fees is enclosed.

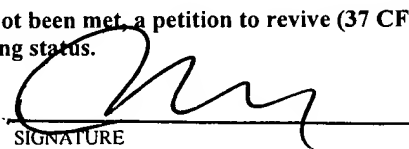
b. ☐ Please charge my Deposit Account No. _____ in the amount of \$ _____ to cover the above fees.
 A duplicate copy of this sheet is enclosed.

c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any
 overpayment to Deposit Account No. 12-0415. A duplicate copy of this sheet is enclosed.

d. ☐ Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. **Credit card
 information should not be included on this form.** Provide credit card information and authorization on PTO-2038.

NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR
 1.137 (a) or (b)) must be filed and granted to restore the application to pending status.

SEND ALL CORRESPONDENCE TO:
LADAS & PARRY
 5670 Wilshire Boulevard, Suite 2100
 Los Angeles, California 90036
 Tel: 323-934-2300
 Fax: 323-934-0202
 Attn: Richard P. Berg


 SIGNATURE
 Richard P. Berg
 NAME
 28,145
 REGISTRATION NUMBER

09/936007

51 Rec'd PCT/PTO 07 SEP 2001

EL652176534US

IN THE UNITED STATES DESIGNATED OFFICE DO/US

REGARDING THE INTERNATIONAL APPLICATION OF:

Sang-Young LEE, et al.ENTITLED: "HIGH CRYSTALLINE POLYPROPYLENE MICROPOROUS MEMBRANE, MULTI-COMPONENT MICROPOROUS MEMBRANE AND METHODS FOR PREPARING THE SAME"INTERNATIONAL APPLN. NO. PCT/KR01/00037Our Ref: B-4309PCT 619079-8

Commissioner of Patents and Trademarks

BOX PCT

Washington, D.C. 20231

Attn: United States Designated/Elected Office (DO/EO/US)

INTERNATIONAL STAGE EXPRESS MAIL CERTIFICATE"Express Mail" label number EL652176534USDate of Deposit: September 7, 2001I hereby certify that the following attached papers or fee

- postcard
- check for \$1,258.00
- Transmittal Letter (2 pages)
- Preliminary Amendment (2 pages) with Appendix A (1 Page)
- copy of Form PCT/IB/308 (1 page)
- copy of PCT International Application as published consisting of:
 - Title Page with Abstract (1 page)
 - Specification (27 pages)
 - Claims (5 pages)
 - Drawings (2 pages)
- copy of International Search Report (3 pages)
- Declaration/Power of Attorney (4 pages)
- Claim to Priority (1 page)
- Assignment document (2 pages) with Cover Sheet (1 page), and Check for \$40.00

are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service with sufficient postage under 37 CFR 1.10 on the date indicated above in an envelope addressed to the Commissioner of Patents and Trademarks, Box PCT, Washington, D.C. 20231, Attn: United States Designated/Elected Office (DO/EO/US).

Karyn Lao

(Typed or printed name of person mailing paper or fee)

